AIR COMMAND
AND
STAFF COLLEGE

─── STUDENT REPORT ───
A PROJECT OFFICER'S GUIDE FOR
ELEMENTARY EXCELLENCE-IN-COMPETITION
RIFLE AND PISTOL MATCHES

MAJOR VICTOR M. MARTIN   84-1680
── *"insights into tomorrow"* ──

OCT 2 2 1984

A

84   10   17   167

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER 84-1680	2. GOVT ACCESSION NO. AD-A146653	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) A PROJECT OFFICER'S GUIDE FOR ELEMENTARY EXCELLENCE-IN-COMPETITION RIFLE AND PISTOL MATCHES		5. TYPE OF REPORT & PERIOD COVERED
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) Victor M. Martin, Major, USAF, ████████		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS ACSC/EDCC, MAXWELL AFB, AL 36112		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS ACSC/EDCC, MAXWELL AFB, AL 36112		12. REPORT DATE APRIL 1984
		13. NUMBER OF PAGES 43
14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

STATEMENT "A"
Approved for public release:
Distribution is unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

Information is presented that would enable a project officer to plan and execute an elementary level Excellence-in-Competition rifle or pistol match. It includes discussions of the applicable regulations as well as a look at the logistical considerations. Example letters, match bulletins, rifle and pistol rules, newspaper release, and computer scoring program are included.

DD FORM 1473 EDITION OF 1 NOV 65 IS OBSOLETE
1 JAN 73

UNCLASSIFIED

PREFACE

Ours is the profession of arms! In this age of computerized warfare and electronic wizardry it seems that this is often over-looked. Technology has forced us to become more and more specialized in our day to day tasks and it is for this reason that we have forgotten some of our basic military heritage. Some of us are so used to video warfare that we have forgotten that firearms exist or have discounted them altogether. We have become a generation intrenched with the notion of laser weapons, particle beams, and smart bombs, but it is a fact that every crewmember will carry a sidearm when he goes into combat and that the last perimeter of defense around a B-52 on alert is a security policeman with an M-16 rifle. The primary weapon used for individual combat is still the firearm – probably the type on which we qualified when we first came into the Air Force. In order to re-emphasize the notion that ours is the profession of arms and to provide a continuing interest in small arms excellence the Air Force sponsors a rifle and pistol match program called "Excellence-in-Competition." The purpose of this handbook is to provide help to the prospective project officer in planning and executing one of these matches.

There are many people that I owe many thanks to for help in putting this guide together. Among them are Mr. Steve Ducoff of Air Force Sports, MSgt Ron Bates – Maxwell AFB Small Arms Marksmanship Training Unit Chief, SSgt Jim-Bob McCarty of the Maxwell AFB Small Arms Marksmanship Training Unit and Captain of the 1984 Air Force Pistol Team, Major Bob Morris – my advisor and good friend, and last, but not least, my wife Kathy who served as chief encourager and editor.

This document will be published as an Air Force pamphlet after review and approval of content by HQ AFMPC.

MAJOR VIC MARTIN
Air Command and Staff College
Class of 1984

iii

ABOUT THE AUTHOR

Major Martin started his Air Force career as a cadet at the Air Force Academy with the class of 1969. While there, he was a member of the Academy pistol team for three years. After graduating from the Academy he initially served as a physicist in Air Force Systems Command. Later he attended undergraduate pilot training at Sheppard Air Force Base. Following pilot training, he was to qualify as a reconnaissance pilot in the RF-4C, Phantom II, aircraft and serve tours at Shaw AFB, South Carolina; Udorn RTAFB, Thailand; and Kadena AFB, Japan. He has over 1700 flying hours in the Phantom. Leaving flying for awhile, he spent the next two years in graduate school at the University of Michigan preparing for his next assignment to the Physics Department at the Air Force Academy. At the Academy he taught courses in physics and electrical engineering and also flew the UV-18, Twin Otter, aircraft for the Academy parachute team. Presently he is a course officer at Air Command and Staff College.

Major Martin's formal academic education includes a B.S. in physics from the Air Force Academy, M.S. in physics and M.S. in mathematics from the University of Michigan, and a Ph.D in electrical engineering from the University of Colorado. His professional military education includes both Squadron Officer School and Air Command and Staff College. He has published several scientific and technical articles in various journals and has written several Air Force technical reports.

Additionally, he is a strong proponent of small arms training for all Air Force personnel. He has participated in Excellence-in-Competition matches at the Academy and at Lackland AFB and presently holds the elementary level bronze badges for both pistol and rifle.

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

FIGURES

CHAPTER ONE

INTRODUCTION

Elementary Level Excellence-in-Competition is not an event for basic qualification nor is it mandatory for anyone. It is an event in which any active duty, Reserve, or Air National Guard Air Force personnel may participate whether or not they have qualified on a particular rifle or pistol and it is absolutely free of charge - the Air Force pays for everything during an elementary match. If you are asking yourself why the Air Force would pay for such an event, the answer is simple. Elementary Level Excellence-in-Competition promotes marksmanship throughout the Air Force on a continual basis thus directly supporting Project Warrior by re-emphasizing small arms skills. Unfortunately, however, the competitions do not occur spontaneously. They must be organized, planned in great detail, and executed logically in order to make the program a success. That, then, is the purpose of this guide; it will hopefully answer most of the questions that you may have as a project officer and tell you where to find the answers to the ones it does not provide.

The details of the competition are contained within this guide and include such subjects as: what information is available to the project officer in the form of regulations, manuals, books, etc. (Chapter Two); the logistics support required in the form of money and manpower (Chapter Three); a putting-it-all-together section (Chapter Four); and an appendix with example letters and forms that must be completed before and after a match. Additionally, the appendix contains a copy of a computer program that may be used to rank and score competitors during a match thus relieving much of the match administrative work. Again, the competition is an opportunity to compete in a basic military skill in which we all should excel. We reward the winners with a prestigious badge to be worn on the Air Force uniform. This type of program is healthy for the Air Force and helps to re-emphasize our basic military heritage.

CHAPTER TWO

INFORMATIONAL SOURCES

In this chapter I will begin to answer some of the questions that a typical project officer may have; that is, "Where do I start?" In that regard, this chapter presents the various sources of information that are available. These include Air Force regulations, Air Force manuals, books, and any other source that may be of help. This guide is not intended to be a sole source document but will highlight what you may expect to find in the particular documents and where they may be located on a typical installation. We will begin with Air Force Regulation 50-43, "USAF Small Arms Marksmanship Badges," which is probably the most important since it discusses the disposition of the awards, how they are earned, and who gets them. The purpose of AFR 50-43 is as follows:

> It explains Air Force policy for awarding Air Force small arms marksmanship badges and the Distinguished International Shooter Badge. It states how an Air Force member can qualify for the US Air Force Distinguished Rifleman or Pistol Shot badges and the Excellence-in-Competition Badge. (1:1)

In addition, this regulation discusses how the awards are made and how credit points are earned for the awards beyond the Elementary Excellence-in-Competition. Presentation, disposition, and recording of the awards are discussed, as well as how the badges are controlled. It also points out that a given installation may host only one pistol and one rifle match per year and that an individual may not participate in more than one such match per year. Typically, this regulation will be maintained at the installation master reference library, which is usually located at base headquarters. Additionally, it may be found at the installation small arms training facility. It is absolutely necessary that a project officer be completely familiar with this publication prior to beginning any match planning. Regarding badges, questions always arise at matches as to where the badge may be worn and how. The answer is found in Air Force Regulation 35-10.

2

Chapter seven of AFR 35-10 deals solely with "Insignia, Badges, and Devices." (2:1) This particular regulation should be readily available on any Air Force installation; places that are certain to have it are the master reference library generally located at base headquarters, any unit orderly room, or the small arms marksmanship training branch. It details when, where, and how the badges may be worn and includes a drawing of each. Men wear the badge centered on the flap of the left breast pocket. On the woman's service or ceremonial dress uniforms the badge is worn centered 1/2 inch above the top row of ribbons, or if no ribbons are worn, the top edge of the badge is positioned on the left side of the blouse or coat. It should be positioned level with the name tag. The badge may also be worn on fatigue uni- forms centered below the pocket flap on the left breast pocket. If authorized to wear more than one marksmanship badge they should be worn right to left in the following order: US distin- guished international shooter badge, followed by the AF pistol shot badge, and finally the AF rifleman badge. Only the most recent badges may be worn; e.g., if you are authorized the USAF distinguished pistol shot badge, you may not wear any of the Excellence-in-Competition pistol shot badges leading up to the distinguished. For more guidance on the number of other badges that may be worn in conjunction with the marksmanship badges refer to AFR 35-10. The information just presented was from the 15 September 1983 publication. Figure one on the next page includes a reprint from AFR 35-10 as to what the badges actually look like. The ones shown are approximately actual size.

Air Force Regulation 50-36, "Combat Arms Training and Main- tenance Program Management," is a two volume regulation that "outlines policy and provides procedures and guidance to person- nel who plan, conduct, administer, evaluate, and manage the Air Force Combat Arms Training and Maintenance Program." (3:1) The particular volumes cover the following:

> Volume I establishes responsibilities, establishes ground weapons facility design criteria, provides procedures for range operation and maintenance, provides guidance on management of combat arms personnel training, and establishes ground weapon maintenance policies and procedures. Volume II prescribes the minimum requirements and courses of training to train and qualify persons in the use of ground weapons. (3:1)

Basically, this regulation consolidates the information that used to be found in AFR 50-57 and AFM 50-25. AFR 50-36 should be available at the master reference library as well as the small arms marksmanship range. As a project officer, you will not necessarily need to be intimately familiar with this manual since

you will be working with highly skilled experts from the marksmanship training unit. However, there are sections that would probably be worthwhile reading, in particular the ones dealing with range procedures and range safety. It is important to emphasize that during an elementary competition many of the participants will be completely unfamiliar with either procedures or safety; therefore, as project officer, be sure you understand what is happening before the match begins. Also, the regulation contains some good diagrams of the various shooting stances that may be used during a match. It might be a good idea to have some of the appropriate drawings reproduced and on hand during the competition to use as examples.

U.S. AIR FORCE	**U.S. AIR FORCE**	**U.S. AIR FORCE**
USAF DISTINGUISHED RIFLEMAN	USAF EXCELLENCE-IN-COMPETITION RIFLEMAN	USAF BRONZE EXCELLENCE-IN-COMPETITION RIFLEMAN
U.S. AIR FORCE	**U.S. AIR FORCE**	**U.S. AIR FORCE**
USAF DISTINGUISHED PISTOL SHOT	USAF EXCELLENCE-IN-COMPETITION PISTOL SHOT	USAF BRONZE EXCELLENCE-IN-COMPETITION PISTOL SHOT

FIGURE 1: USAF Excellence-in-Competition Badges (2:192)

4

CHAPTER THREE

LOGISTICS

In short this chapter deals with the logistics of running an Elementary Level Excellence-in-Competition match. In that regard we may sub-divide our logistics problem into two categories — materiel support and personnel. Let's first take a look at materiel support.

Obviously the materiel support for a particular match depends upon the number of people attending, the type of match, the local facilities available, the duration of the match, etc.. In the type match we are planning, the Elementary Level Excellence-in-Competition, the Air Force pays for the targets, ammunition, weapons, and range — in short, nearly everything. Ammunition for this competition is authorized in accordance with AFR 50-41, Attachment 1, paragraph 3. The amount of ammunition expended for this event must not jeopardize your base training requirements and may need to be budgeted for in the yearly forcast. In other words, your major command pays the bill. Some other items that should be considered are latrine facilities, eating facilities (coffee, doughnuts, "roach coach," etc.?), shelter in the event of inclement weather, parking space, and rest area to name a few. Even after you have a place picked and all the materiel support you need, do not forget about the help you will require before, during, and after the match.

As a minimum for the match itself, you will need a project officer, an executive officer, a chief range officer, a statistical officer, and, for every three to five competitors on the range at any one time, range officers. These people will typically be volunteers and cannot shoot in the match except for the project officer and range officers. Their duties are relatively straightforward beginning with the project officer. His job is to organize the event so that it occurs as it was planned.

The executive officer, on the other hand, is directly responsible for the efficient conduct of the entire match. He may change the match and firing conditions as shown by the program, provided a bulletin is posted for the information of all competitors and that such changes are not contrary to current rules. He is directly responsible for the efficient operation of the ranges

and the Statistical Office as well as the safety and proper discipline of all match operating personnel, competitors and spectators. Everyone on the range must comply with the executive officer's instructions regarding match procedures. He is completely in charge on the day of the match.

Next in line is the chief range officer who has full charge of the range and will conduct the matches according to the schedule approved by the executive officer. He is responsible for range safety and for enforcing all rules. He relies on the full cooperation and help of the range officers in order to do this.

The range officers work directly for the chief range officer. They are responsible for the safety and discipline of range personnel, competitors, and spectators in the section of the range to which they have been assigned. They supervise the scoring and are responsible for seeing that the competitor's equipment and position are as authorized for the match being fired. They must be familiar with the rules and comply, to the best of their ability, with all instructions issued by the executive officer or chief range officer. They must be constantly alert, impartial in their handling of competitors, and courteous though firm.

Finally, the statistical officer is responsible for all statistical work in connection with the match. The statistical officer does not score targets but only works with scores on completed score cards.

You must be imaginative when looking for volunteers to fill these positions. There are many sources of people from which you can ask for volunteers. Organizations such as the security police squadron, local Air National Guard squadrons, Air Force Reserve units, or even an ROTC detachment all serve as excellent sources. The chief range officer will typically be one of the small arms marksmanship training unit personnel. It would also help if the executive officer had some range or shooting experience as well as the statistical officer. The above are the "bare bones" positions that must be filled for any competition.

CHAPTER FOUR

FINAL PLANNING

This final chapter deals with the "putting-it-all-together phase" of match planning. Before you go any further, be sure that you have obtained approval from two of the main players in the organization - the installation commander and the chief of the small arms marksmanship training unit. You must have the full support of both of these people in order to have a successful match. It is essential that you discuss the idea with them personally to obtain official permission. In that regard there are certain letters that must be written.

Your first letter should go out no later than four months prior to the desired date of the competition and it should go to the installation commander outlining what you want to do, how many people will participate, the base services involved, the dates involved, distinguished visitors attending, and anything else that a base commander would want to know. The commander may not need or want this letter but you should check with him to be sure. See Appendix 1 for a copy of the one used for a competition at Maxwell AFB. The second letter that must be mailed as soon as possible is a letter of request to HQ AFMPC/MPCSOA, Randolph AFB, TX 78150. This is the official request to have an Air Force sponsored competition and should be signed by the installation commander. It should include information similar to the letter above, plus an estimate of the amount and type of ammunition that you plan to use. Your MAJCOM may pay for the ammunition as will be indicated in MPC's approval letter. Again a copy of the letter used at a Maxwell AFB competition is included in Appendix 1.

At this point the tasks that must be accomplished are dictated by the size of match that is going to occur. Most of the work will be done by you and the people at the small arms marksmanship training unit. The two items that take priority initially are publicity and help.

The event must be publicized as widely and often as possible. The base newspaper is a good place for official notices. Appendix 4 contains a sample notice for the pistol match held at

Maxwell. (You might also want to invite a base newspaper reporter for the day of the match.) Remember to reward the people that do the work. Also, do not forget the weekly or daily bulletin for official notices. Be sure to describe the type of match, who can participate, when it will be held, who to contact in order to sign up and what the competitors can win - a handsome badge.

As you work to get the newspaper notices out, you must also be solicitating help for the match staff. Remember you will need an executive officer, a chief range officer, a statistical officer, and range officers for every three to five competitors. If you plan to use Air Guard or Reserve help, the sooner you ask, the better, since it gives them more time to plan for an active weekend. Whoever you get, be sure to clear it through the chief range officer beforehand. No doubt he will be one of the personnel from the small arms marksmanship training unit and will have definite ideas about who should serve as range officers.

At this point you should be ready for the match. You should have met with all the officials beforehand to insure that everyone understands his or her job and to insure that there were no last minute problems with the schedule. Assuming that the match ran as planned, you have one last letter to send to MPC. It is actually a package telling them that the match went as scheduled and includes copies of the official bulletin, competitor ranking, HQ AFMPC/MPCSOA approval letter, match program, and match rules. The competitor ranking should clearly identify those individuals that qualified for the badge. Appendix 2 contains an example package for a match held at Maxwell AFB. Appendix 3 contains the rules portion of the package for a rifle match. This information should go to MPC within a week after the match.

Figure 2 is included on the next page to help with scheduling the necessary actions. The times are only approximate and may need to be varied from location to location. Additionally, there is an Appendix 5 that contains a copy of a computer program used to rank, sort, and score competitors. The program is written for use on an IBM personal computer in advanced basic language. It can easily handle up to 500 competitors and greatly accelerates the post match administration. Using it, a single statistical officer could easily input scores from 500 competitors. Examples of the printouts are included in the appendix.

This pamphlet contains copies of most of the written information that you will deal with and in that regard you should be in good shape. However, before the match be sure to give some thought to the unplanned occurrences. What do you plan to do if it rains? Are the firing points covered? How about lightning and wind or a bad lot of ammunition? How do you plan to handle

no shows? How many alternates do you want? You may want to continue the list of questions; however, the main point is that you arrange to sit down with the people at the firing range and consider these problems before the day of the match. Also, one final point on safety. Assume that the competitors know nothing about firing procedures and, in general, are novices when it comes to handling firearms. Be sure everyone is adequately briefed prior to handling the weapons. REMEMBER: MISTAKES WITH FIREARMS CAN BE, AND OFTEN ARE, FATAL.

Finally, the information in this guide has been brief and certainly not all-inclusive. It was not intended to be. Hopefully, however, it will make it much easier for a project officer to plan and execute one of these extremely worthwhile matches. Good luck and good shooting!

TIME	ACTION
4 Months	- obtain installation commander approval - write for HQ AFMPC/MPCSOA approval
3 Months	- schedule ranges and weapons - select volunteers
2 Months	- coordinate refreshment stand - advertise match (base paper / bulletin)
1 Month	- notify participants and alternates - coordinate event with installation CC - coordinate with match staff (weekly)
ZERO	- MATCH
+ 1 Week	- results to HQ AFMPC/MPCSOA - results to installation commander

FIGURE 2: Planning Timetable

BIBLIOGRAPHY

A. REFERENCES CITED

Official Documents

1. AFR 50-4 . "... Small Arms Marksmanship Badges." Randolph AFB, ... Air Force Military Personnel Center (HQ AFMPC/ ...), 24 August 1979.

2. AFR 35-10. "Air Force Standards." Randolph AFB, Texas: Air Force Military Personnel Center, 15 September 1983.

3. AFR 50-36. "Small Arms Training and Maintenance Program Management." Kirtland AFB, New Mexico: HQ Air Force Office of Security Police (HQ AFOSP/SPOT), 15 March 1984.

Other Sources

4. Ducoff, Stephen D.. Recreation Specialist (Air Force Sports), Headquarters USAF (AFMPC/MPCSOA), Randolph AFB, Texas. Interview, 5 November 1983.

APPENDICES

APPENDIX 1

INITIAL LETTERS

This appendix contains copies of the letters that must be
sent to the installation commander and HQ AFMPC in order to
obtain approval for a match.

Reply to
Attn of: ACSC/EDOWD (Major Martin)   11 Jan 1984

Subject: Elementary Level Excellence-in-Competition Pistol Match

   To: 3800th Air Base Wing/CC

1.   I am requesting authorization for the small arms
marskmanship training unit at Maxwell AFB, Al to have
an Elementary Level Excellence-in-Competition pistol
match on or about 7 April 1984. I will serve as the
Project Officer and will coordinate all the necessary
activities.

2.   This match will be available to all Air Force
active, reserve, and guard personnel on a first-come
basis. As tentatively planned, we will be able to
support approximately 100 participants. The competi-
tion is sanctioned by Air Force Sports, HQ
AFMPC/M

3.   The match will be held at the small arms marksman-
ship training facility and will be under the direct
supervision of the CATM personnel.

4.   At this time I am unaware of any distinguished
visitors that may attend. If anyone above the rank of
Colonel should participate, I will let you know in
advance

VICTOR N. MARTIN, Major, USAF
Project Officer

12

Reply to
Attn of: ACSC/EDOWD (Major Martin)   13 Jan 1984

Subject: Elementary Level Excellence-in-Competition Pistol Match

    To: HQ AFMPC/MPCSOA

        1.   Request   authorization   for   the   Small   Arms
    Marskmanship Training Unit at Maxwell AFB AL to have an
    Elementary Level Excellence-in-Competition pistol match
    on or about 7 April 1984.   Major Victor M.   Martin will
    serve as the Project Officer and will coordinate all
    the necessary activities.   He can be reached at AV 875-
    6794.

        2.   This   match   will   be available to all   Air   Force
    active,   reserve,   and guard personnel on a   first-come
    basis.   As   tentatively   planned,   we will be able   to
    support approximately 100 participants;   therefore,   we
    will use 50 rounds of .38 caliber PGU/12 ammunition per
    competitor.   We will run the match in accordance   with
    AFR 50-43.

        WING COMMANDER
        Colonel, USAF
        Commander

13

APPENDIX 2

AFTER-ACTION REPORT

This appendix contains a sample after-action package that should be sent to HQ AFMPC/MPCSOA. It should be sent within a week or so after the match. It begins with an example of the cover letter that should be used.

Reply to
Attn of: ACSC/EDOWD (Maj Martin) 14 Apr 1984

Subject: Elementary Level Excellence-in-Competition Pistol Match

To: HQ AFMPC/MPCSOA

1. Enclosed is the official bulletin, ranking of competitors, match rules and program for the Elementary Level Excellence-in-Competition Pistol Match held at Maxwell AFB AL on 7 April 1984.

2. The CATM personnel ran the match in a very professional manner, and the base response was positive. I feel that the match helped immeasurably in promoting interest in marksmanship by Air Force personnel. The majority of competitors were eager to participate again in any similar matches.

3. On behalf of all participants and key match personnel I would like to thank you for approving the match, and for your support.

VICTOR M. MARTIN, Major, USAF   5   Atch
Project Officer   1. Official Bulletin
                                       2. Ranking of Competitors
                                       3. HQ AFMPC/MPCSOA Ltr
                                       dated 2 Feb 1984
                                       4. Match Program
                                       5. Match Rules

1984 MAXWELL ELEMENTARY LEVEL
EXCELLENCE-IN-COMPETITION PISTOL MATCH

OFFICIAL BULLETIN

DATE: 7 April 1984

LOCATION: Combat Arms Range, Maxwell AFB, Alabama

NUMBER OF COMPETITORS: 100

AUTHORIZATION: Approved by HQ AFMPC/MPCSOA (Atch 3)

COURSE OF FIRE:

RANGE	TYPE OF FIRE	TIME PER 5 SHOT STRING	NUMBER OF STRINGS	GRIP	TYPE OF ACTIONS
25 Yds	Slow	2.5 Minute	2	One Hand	Single
25 Yds	Timed	20 Seconds	2	Two Hand	Single
25 Yds	Rapid	10 Seconds	2	Two Hand	Double

TARGET: 25 Meter Olympic Silhouette

CONDITIONS: Perfect weather (temperature in the high 70's), winds mainly from the south-east at 5-10 miles per hour. The range was in excellent shape and provided superb shooting facilities. The range personnel support was excellent, consisting of active and reserve marksmanship instructors.

RULES: The rules are at Attachment 4 with the added stipulation that all weapons and ammunition were furnished on the line by the Maxwell AFB CATM unit. Only hits in the 10, 9, 8, 7 and 6 rings were scored.

EXECUTIVE OFFICER: Captain John P. Doe
SOS/PQX
Maxwell AFB, Al 36112

CHIEF RANGE OFFICER: SSgt Joe Smith
3800 ABG/QRM
Maxwell AFB, Al 36112

STATISTICAL OFFICER: Captain Sam Jones
ACSC/EDOWE
Maxwell AFB, Al 36112

COMPETITORS: The competitors are listed by standing in Attachment 2. All competitors above the red cutoff line qualified for the badge.

TOP 10% OF 7 APRIL 1984
MAXWELL AFB, AL
ELEMENTARY LEVEL EXCELLENCE-IN-COMPETITION PISTOL MATCH

NAME	HOME ADDRESS	SLOW	TIMED	RAPID	TOTAL
1. Smith, John	228 Lemmon Dr.	95	98	96	289
Capt, USAF	Millbrook, Al 36067				
111-22-3333					
SOS/PDO					
Maxwell AFB, Al 36112					

2. Continue   as   in line 1 above until all the   competitors   are
listed   and   then   draw a red line under the last   competitor   to
qualify for the badge.

. .
. .
. .
. .

,

.

I certify that the above scores are correct.

JOHN P. DOE, Captain, USAF   SAM JONES, Captain, USAF
Match Executive Officer   Statistical Officer

16

Reply to
Attn of: MPCSOA   2 Jan 1984

Subject: Elementary Level Excellence-in-Competition Pistol Match
          (Your Ltr, 13 Jan 1984)

    To: ACSC/EDOWD

          1.   Your   request   to   conduct   an   Elementary   Level
          Excellence-in-Competition Pistol Match is approved.
          Criteria for awards are in AFR-50-43 as changed by IMC
          84-1.

          2.   Ammunition for this competition is authorized   in
          accordance with AFR 50-41, Attachment 1, paragraph 3.
          The   amount of ammunition expended for this event must
          not jeopardize your base training requirements.

          3.   The elementary level competition which you are
          sponsoring is a strong motivational force for Air Force
          people.   Should additional assistance or information be
          needed,   please contact our project officer TSgt Brett
          D. Riggs, HQ AFMPC/MSPSOA, AUTOVON 487-3471. Your sup-
          port of the Air Force Weapons Training Program is
          appreciated.

          FOR THE COMMANDER

          JOHN F. O'NEILL, Colonel, USAF
          Chief, MWR Operations Division
          Directorate of Morale, Welfare,
          and Recreation

17

MAXWELL AFB 1984 ELEMENTARY LEVEL
EXCELLENCE-IN-COMPETITION PISTOL MATCH
(ELEMENTARY LEG MATCH)
MATCH PROGRAM

MATCH DATE: 7 April 1984

MATCH SPONSOR: Maxwell AFB

POINTS OF CONTACT: SSgt Jim-Bob McCarty / MSgt Ron Bates
3800 SPS/SPC, Maxwell AFB, AL 36112
(205) 293-6764 or AUTOVON 875-6764

ELIGIBILITY: Any member of the Air National Guard, Air **Force**
Reserve, or Active Duty Air Force who has no credit points **toward**
the Distinguished Pistol Shot **Badge.**

RULES: Rules for 1984 Elementary Pistol Competition (Posted) IAW
AFR 50-43

WEAPONS AND AMMUNITION: All weapons and ammunition will **be**
furnished on the line by the Maxwell Combat Arms Marksmanship
Unit.   WEAPON: Service Revolver - Model 15 - Caliber .38
AMMUNITION: Full Charge Ball Cartridge PGU-12/B AS ISSUED BY Air
Force.

TARGET: 25 Meter Olympic Silhouette (Air Force current Pistol
Qualification target)

SCORING: Only hits in the 10,9,8,7 and 6 rings count.   All **other**
hits will count as misses.

COURSE OF FIRE

RANGE	TYPE FIRE	TIME PER 5 SHOT STRING	NUMBER OF STRINGS	GRIP	TYPE ACTION
25 Yds	Slow	2.5 Min, 5 shots	2	One Hand	Single
25 Yds	Timed	20 Sec, 5 shots	2	Two Hand	Single
25 Yds	Rapid	10 Sec, 5 shots	2	Two Hand	Double

BRING: Pen and Pencil

ENTRY FEES: None

DRESS: Any authorized military uniform (must maintain AFR 35-10
standards).   Fatigues or flight suit suggested.

AWARDS: Participants who score a 265 (445 for rifle) or **above,**
and are in the top 10% of the competition, will be awarded an **Air**
Force Elementary Level Excellence-in-Competition Pistol Badge and

given 4 credit points toward the Air Force Distinguished Pistol
Badge IAW AFR 50-43. Proper wear of these Badges is covered in
AFR 35-10, Chapter 7, paragraph 7-6e with pictures of Badges in
Figure 7-38, paragraph 7-27.

MATCH SCHEDULE: Due to range limitations and time restrictions,
the total number of competitors will be limited to the first 100
entries. They will be divided into 5 relays of 20 people each.

RELAY # 1	0800 Show Time
RELAY # 2	0930 Show Time
RELAY # 3	1100 Show Time
RELAY # 4	1230 Show Time
RELAY # 5	1400 Show Time

CANCELLATIONS: This is a Military Formation, any cancellations
must call SSgt McCarty or MSgt Bates (205) 293-6764 or
Autovon 875-6764.

RANGE LOCATION: .25 mile past Golf Course Clubhouse on March
Street, Maxwell AFB.

PROJECT OFFICER: Major Victor Martin, ext 6794

EXECUTIVE OFFICER: Major Needham Ramsey, ext 6794

CHIEF RANGE OFFICER: SSgt Jim-Bob McCarty, ext 6764

STATISTICAL OFFICER: Major Jim Watkins, ext 6794

RULES FOR 1984 ELEMENTARY LEVEL COMPETITION-REVOLVER

1.   TYPE OF COMPETITION: Elementary level competition with
revolver in accordance with AFR 50-43 dated 24 August 1977.

2.   ELIGIBILITY OF COMPETITORS: Any member of the United States
Air Force.

3.   EQUIPMENT AND AMMUNITION:

   a.   Service Revolver - Model 15, caliber .38 as described in
T.O. 11W3-4-2-52.

   b.   Ammunition - Full charge ball cartridge PGU/12 as issued
to the United States Air Force as described in T.O. 11A-1-1.

   c.   Spotting Scopes - Not permitted.

   d.   Shooting Kits - Not permitted.

   e.   Gloves - Not permitted.

   f.   General - all devises or equipment which may facilitate
shooting and which are not mentioned in these rules, or which are
contrary to the spirit of these rules and regulations, are
forbidden.

4.   TARGET: FSN 6920-713-5385, Olympic Target, 25 meters scoring
paper.

5.   FIRING POSITION: Standing with all portions of the shooter's
clothing, body, and weapon clear of artificial support.   No
portion of the shooter's body may rest upon or touch the ground
in advance of the firing line.   Competitors will take their
position in such a manner as to not interfere with the competi-
tors on either side, and will start all stages from the ready
position.

6.   READY PISTOL POSITIONS: The weapon is held in a safe forward
position pointing downwards, so that it does not form an angle
greater than 45 degrees from the vertical.   (The weapon may be
cocked and aimed after the command "READY ON THE FIRING LINE.")

7.   COURSE OF FIRE:

Range	Type Fire	Time per 5 Shot String	Number of Strings	Grip	Type of Action
25 Yds	Slow	2.5 Min, 5 Shots	2	One Hand	Single
25 Yds	Timed	20 Sec, 5 Shots	2	Two Hand	Single
25 Yds	Rapid	10 Sec, 5 Shots	2	Two Hand	Double

8. **TIME LIMITS:** Firing commences and ceases when the whistle/buzzer or the orders "Fire" and "Cease Fire" are given. Rounds fired before or after these commands are scored as misses.

9. **SCORING:** Targets are scored after each ten(10) shot stage or each five (5) shot stage. The target may be scored on the target frames, at the firing line, in the statistical office or in the target scoring area. If any part of the shot hole touches the outside line of a scoring ring, that shot is given the higher value. A scoring gauge may be used to determine the value of close shots. All shots fired by the competitor after he has taken his position at the firing line will be counted in his score even if the pistol is accidentally discharged. Hits on the wrong target are scored as misses. Richochets are scored as misses.

   a. Excessive Hits - If more than the required hits appear on the target, the competitor will accept the hits of lowest value, except:

      (1) If the hits can be identified as belonging to another competitor, then he may chose to refire.

      (2) If the hits can be identified as belonging to a previous string of fire, it will be repasted.

      (3) If the competitor fires less than the required number of shots through his own fault, he will be scored the number of shots of highest value equal to the number of shots he fired and given a miss for each unfired cartridge.

   b. Visible Hits and Close Groups - As a general rule only those hits which are visible will be scored. An exception will be made in the case where the grouping of three or more shots is so close that it is possible for a required shot or shots to have gone through the enlarged hole without leaving a mark. In this case, the shooter will be given the benefit of the doubt and will have scored a hit.

   c. Score Cards - Erasures on score cards are not permitted. To make corrections, the shooter or range officer draws a line or lines through the incorrect score and places the correct score above. The scorer and competitor will sign the score card. If the competitor fails to sign the score card, challenges will not be allowed.

   d. Scorers - Competitors will act as scorers when requested to do so by the executive officer or chief range officer, except that no competitor may score his own target.

21

10. DECISION OF TIES: Competitors having the same numerical score for the entire course of fire and tieing for the last ranking for award of the USAF Bronze Excellence-in-Competition Pistol Shot Badge must refire. Refires of the entire course continue until one of the competitors has attained a higher numerical score than the other.

11. INTERRUPTION OF FIRE: In timed or rapid fire when the firing of a string is interrupted by some occurence which renders it impossible for one or more competitors to complete the string under the conditions of the match, the chief range officer should proceed as follows: Without allowing the competitor to examine the target, he will be allowed to accept or reject it. If he accepts the score, proceed in the usual manner. If he rejects the target, it should be discarded and the string refired and scored. Reasons for authorizing the procedure are:

   a. Failure to allow full time.

   b. Failure of the target to remain in position on the frame.

   c   Appearance of something in the line of fire constituting a hazard.

   d. An accident on the firing line.

12. DEFECTIVE CARTRIDGE, MALFUNCTION, OR DISABLED WEAPON: An alibi is defined as a defective cartridge, disabled weapon, or malfunction which interrupts a competitor's string of fire. The competitor should call the range officer immediately for an alibi. The range officer, when satisfied that the alibi is legitimate, will permit the competitor to replace the unfired cartridge or clear the malfunction and continue firing. Additional time may be allowed equal to the time lost as a result of the alibi. In the event of an alibi before a string is completed in timed or rapid fire, the competitor is allowed to fire another five shot string, providing he assumes the ready position and calls the range officer by holding up his hand at the end of the time period. The range officer will inspect the weapon and if satisfied that there is a legitimate alibi, will determine the number of unfired cartridges remaining in the weapon, or bullets that have failed to leave the barrel. The competitor will then fire another complete five shot string on the same target. When scoring after ten shots, the competitor will be charged with firing fifteen shots less whatever number of cartridges were found unfired or bullets that failed to leave the barrel in the original string and will be scored the ten shots of lowest value. Unfired shots in the refired string will be scored as misses. Failure of the competitor to notify the range officer of the malfunction, or the opening or clearing or attempting to clear

the weapon by the competitor before the range officer has inspected the weapon forfeits the right of the competitor to refire.

13. <u>MALFUNCTION</u>: Malfunctions are defined as a failure of the weapon to function properly due to mechanical defects or to defective ammunition. Functional failures due to improper manual operation are not to be considered as malfunctions.

14. <u>DEFECTIVE CARTRIDGE</u>: A defective cartridge is a cartridge that: (a) is unsafe to fire by reason of improper loading or structural deficiencies, (b) fails to fire when the primer is indented by the firing pin or (c) has insufficient detonation to force the bullet from the barrel. No claim for defective cartridge will be allowed if the bullet has left the barrel.

15. <u>DISABLED WEAPON</u>: A disabled weapon is any weapon which cannot be safely aimed or fired or has suffered the loss of a sight or damage to the sight rendering it impossible to properly aim at a target or cannot be fired because of mechanical failure. Once a weapon is declared disabled by the chief range officer, it shall not be used again for firing until the defect has been corrected. The chief range officer must then declare the weapon safe for reuse.

16. <u>CHANGING WEAPONS</u>: No competitor will change his weapon during the firing of any match, unless it has become disabled and has been so declared by the chief range officer. All shots fired up to the time the claim is made will stand as part of the official score.

17. <u>WEAPONS INSPECTION</u>: Weapons will be inspected prior to firing of the match. Weapons failing to meet specifications in T.O. 11W3-4-2-52 will be disqualified.

18. <u>EVASION OF RULES</u>: No competitor will evade nor attempt to evade nor be an accessory to the evasion of any of the conditions of a match as prescribed in the program or in these rules. The executive officer, upon proper presentation of evidence, may disqualify any competitor and order his expulsion from the range for violation of any of these rules or for any conduct considered discreditable.

1 <u>EXECUTIVE OFFICER</u>: The executive officer is directly responsible for the efficient conduct of the entire tournament. He may change the match and firing conditions as shown by the program provided a bulletin is posted for the information of all competitors, and that such changes are not contrary to current rules. He is directly responsible for the efficient operation of the ranges and for the safety and proper discipline of all tour-

nament personnel, competitors and spectators. Instructions from the executive officer for the operation of the tournament will be followed by everyone on the range.

20. **CHIEF RANGE OFFICER:** The chief range officer will have full charge of the range and will conduct the matches on the schedule approved by the executive officer. He is responsible for range safety and for enforcing all rules. He may not compete in the match.

21. **RANGE OFFICER:** Each range officer is an assistant to the chief range officer. They are responsible for the safety and discipline of range personnel, competitors, and spectators in the section of the range to which they have been assigned. They will supervise the scoring and are responsible for insuring that the competitor's equipment and position are as authorized for the match being fired. They must be familiar with the rules and comply to the best of their ability. They must be constantly alert, impartial in handling of competitors, and courteous but firm.

22. **STATISTICAL OFFICER:** The statistical officer is in charge of all statistical work in connection with the match, except the actual recording of scores.

23. **COMPETITOR DUTY:** It is the competitor's responsibility to be familiar with the program and rules. After due warning of any infraction of existing rules, that competitor shall understand that a repetition thereof shall be the subject of disqualification for that match or tournament.

24. **FIRING LINE COMMANDS:** During a match, the chief range officer will issue the following commands:

a. RELAY NO. 1, TO THE FIRING LINE FOR THE ELEMENTARY LEG MATCH.

b. THE PREPARATION PERIOD STARTS NOW - (Three minutes) Weapon will not be loaded during the preparation time.

c. THE PREPARATION PERIOD HAS ENDED.

d. WITH 5 ROUNDS LOAD - (State time period and stage of match).

e. IS THE LINE READY - (If the line is not ready the range officer so states. Once the difficulty has been corrected, the range officer calls, REGRASP YOUR WEAPON.)

f. THE LINE IS READY.

24

g. READY ON THE RIGHT.

h. READY ON THE LEFT.

i. READY ON THE FIRING LINE - Wait approximately three seconds before giving the next command. The weapon may now be cocked and aimed.

j. FIRE - Or blow a whistle or use a buzzer.

k. CEASE FIRING is given by the Range Officer at the end of the time limit or at any other time he wishes firing to cease. Firing must cease immediately. Shots fired after this command are scored as misses.

l. UNLOAD, CYLINDER OPEN, WEAPON ON THE TABLE. Range officers check weapons to make sure the firing line is safe to proceed forward.

m. SCORE TARGET AND PASTE.

25. CHALLENGES: When a competitor feels that a shot fired by himself or by another competitor has been improperly evaluated or scored, he may challenge the scoring. Such challenges must be made immediately upon announcement of the score. When targets are scored on frame and scoring of a shot is challenged, call the chief range officer who will score the target. The decision of the chief range officer will be final.

26. PROTESTS: A competitor may formally protest any injustice which he feels has been done him except the evaluation of a target. A protest must be initiated immediately upon the occurrence of the incident. State the complaint orally to the chief range officer. If not satisfied with his decision, the competitor may then file a formal protest in writing with the executive officer. Such written protest must be filed within one hour of the occurence of the protested incident. The decision of the executive officer will be final.

27. OFFICIAL BULLETINS: Bulletins are prepared and certified by the chief statistical officer and contain the following:

a. The letter approving an elementary level competition by HQ AFMPC/MPCSOA.

b. The course of fire, conditions of the match, and name of tournament officials.

c. A list of the competitors: Full name, SSAN (include

25

privacy act statement), grade, address, and score by stage. (Address should be military and civilian.)

    d.   Date, location, and number of competitors.

For award of Excellence-in-Competition Badges and points toward Distinguished Badges, bulletins should be forwarded to HQ AFMPC/MPCSOA, Randolph AFB, TX 78150.

28.   AWARDS: Awards are issued in accordance with AFR 50-43.

APPENDIX 3

ELEMENTARY RIFLE RULES

This appendix contains a copy of the rules for an Elementary Level Excellence-in-Competition rifle match. Other aspects of a rifle match are the same as a pistol competition.

RULES FOR 1984 ELEMENTARY LEVEL COMPETITION-RIFLE

1. **TYPE OF COMPETITION:** Elementary level competition with rifle in accordance with AFR 50-43 dated 24 August 1979.

2. **ELIGIBILITY OF COMPETITORS:** Any member of the United States Air Force.

3. **EQUIPMENT AND AMMUNITION:**

    a. Service Rifle - M-16A1 5.56 mm as described in T.O. 11W3-5-5-1.

    b. Ammunition - Full charge ball cartridge 5.56mm as issued to the United States Air Force as described in T.O. 11A-1-46.

    c. Spotting Scopes - Not permitted.

    d. Shooting Kits - Not permitted.

    e. Gloves - Not permitted.

    f. Ground Clothes - Not permitted.

    g. General - all devises or equipment which may facilitate shooting and which are not mentioned in these rules, or which are contrary to the spirit of these rules and regulations, are forbidden.

4. **TARGET** FSN 6920-713-5385, Olympic Target, 25 meters scoring paper.

5. **FIRING POSITIONS:** The positions used for this match shall be prone, sitting, kneeling and standing and shall be in accordance

with the definitions of positions prescribed in this section. The magazine used for the M-16 will be the 20 round magazine and may touch the shooter but may not touch the ground. The ground in the position rules is defined as the surface of the firing point floor. The butt of the rifle must be held against the front of the shoulder on the outside of the shooter clothing and must not touch the ground.

a. Prone: Body, extended on the ground, head toward the target. The rifle will be supported by both hands and one shoulder only. No portion of the arms below the elbows shall rest upon the ground or any artificial support nor may any portion of the rifle or body rest against an artificial support.

b. Sitting: Weight of the body supported on the buttocks and the feet or ankles, no other portion of the body touching the ground. The rifle will be supported by both hands and one shoulder only. Arms may rest on the legs at any point above the ankles.

c. Kneeling: Weight of the body supported on right knee and foot and left foot (or left knee and foot and right foot); no other part of the body touching the ground. Sitting on the side of the foot instead of the heel is permitted. The rifle will be supported by both hands and one shoulder only. The elbow of the arm supporting the rifle will be approximately on or just inside the knee. The elbow of the trigger arm will be free from all support.

d. Standing: Erect on both feet, no other portion of the body touching the ground or any supporting surface. The sling may not be used for support. The rifle will be supported by both hands and one shoulder only. The elbow of the forward arm may be placed against the body or rested on the hip.

5. COURSE OF FIRE

Range	Type Fire	Time per String	Number of Magazines	Position
100 Yds	Slow	60 Sec, 10 Shots	1	Standing
100 Yds	Slow	60 Sec, 10 Shots	1	Kneeling
100 Yds	Slow	60 Sec, 10 Shots	1	Sitting
100 Yds	Rapid	60 Sec, 20 Shots	1	Prone

Note: Shooter will be in position with magazine inserted into the rifle and the first round may be chambered after the command "LOAD" is given. Safety will be on until after the command "FIRE".

7. TIME LIMIT: Firing commences and ceases when the whistle/buzzer or the orders "FIRE" and "CEASE FIRE" are given.

Rounds fired before or after these commands are scored as misses.

8. SCORING: Targets are scored after each ten (10) shot maga-
zine or each twenty (20) shot magazine.   Target may be scored on
the target frames, at the firing line, in the Statistical Office
or in the target scoring area.   If any part of the shot hole
touches the outside line of a scoring ring, that shot is given
the higher value.   A scoring gauge will be used to determine the
value of close shots. All shots fired by the competitor after he
has taken his position at the firing line will be counted in his
score even if the rifle is accidentally discharged.   Hits on the
wrong target are scored as misses.   Richochets are scored as
misses.

    a.   Excessive Hits - If more than the required hits appear
on the target, the competitor will accept the hits of losest
value, except:

        '1)   If the hits can be identified as belonging to
another competitor, then he may chose to refire.

        (2)   If the hits can be identified as belonging to a
previous string of fire, it will be repasted.

        (3)   If the competitor fires less than the required
number of shots through his own fault, his score will stand and
unfired rounds count as misses.

    b.   Visible hits and close groups - As a general rule only
those hits which are visible will be scored.   An exception will
be made in the case where the grouping of three or more shots is
so close that it is possible for a required shot or shots to have
gone through the enlarged hole without leaving a mark.   In this
case, the shooter will be given the benefit of the doubt and will
be scored a hit.

    c.   Score cards - Erasures on score cards are not permitted.
To make corrections, the shooter or range officer draws a line or
lines through the incorrect score and places the correct score
above.   The scorer and competitor will sign the score card.   If
the competitor fails to sign the score card, challenges are not
allowed.

    d.   Scorers - Competitors may act as scorers when requested
to do so by the executive officer or chief range officer. No
competitor will score his own target.

9. DECISION OF TIES: Competitors having the same numerical
score for the entire course of fire and tieing for the last
ranking for award of the USAF Bronze Excellence-in-Competition
Rifle Shot Badge will be required to refire.   Refires of the

entire course will continue until one of the competitors has
attained a higher numerical score than the other.

10.   INTERRUPTION OF FIRE: In rapid fire, when the firing of a
string is interrupted by some occurrence which renders it impos-
sible for one or more competitors to complete the string under
the conditions of the match, the chief range officer will proceed
as follows: Without allowing the competitor to examine the
target, he will be allowed to accept or reject it. If he accepts
the score, the match proceeds normally. If he rejects the target,
it will be discarded and the string refired and scored.   Reasons
for authorizing the procedure are:

       a.   Failure to allow full time.

       b.   Failure of the target to remain in position on the
frame.

       c.   Appearance   of something in the line of fire consti-
tuting a hazard.

       d.   An accident on the firing line.

12.   DEFECTIVE CARTRIDGE, MALFUNCTION, OR DISABLED WEAPON: An
alibi is defined as a defective cartridge, disabled weapon, or
malfunction which interrupts a competitor's string of fire.   The
competitor should call the range officer immediately for an
alibi.   The range officer, when satisfied that the alibi is
legitimate, will permit the competitor to replace the unfired
cartridge or clear the malfunction and continue firing.   Addi-
tional time may be allowed for each alibi equal to the time lost.
In the event of an alibi during rapid fire, the competitor may
fire another twenty round magazine, providing he calls the range
officer by holding up his hand at the end of the time period.
The range officer will inspect the weapon and, if satisfied that
there is a legitimate alibi, will determine the number of unfired
cartridges remaining in the weapon, or bullets that have failed
to leave the barrel.   The competitor will then fire another
complete twenty round magazine on the same target.   When scoring
after twenty shots, the competitor will be charged with firing
forty shots less whatever number of cartridges were found unfired
or bullets that failed to leave the barrel in the original maga-
zine and will be scored the twenty shots of lowest value.
Unfired shots in the refired string will be scored as misses.
Failure of the competitor to notify the Range Officer of the
malfunction, or the opening or clearing or attempting to clear
the weapon by the competitor before the Range Officer has
inspected the weapon forfeits the right of the competitor to
refire.

13.   MALFUNCTION: A malfunction is a failure of the weapon to

function properly due to mechanical defects or to defective ammunition. Functional failures due to improper manual operation are not to be considered as malfunctions.

13. DEFECTIVE CARTRIDGE: A defective cartridge is one that: (a) is unsafe to fire by reason of improper loading or structural deficiencies, (b) fails to fire when the primer is indented by the firing pin or (c) does not propel the bullet from the barrel.

14. DISABLED WEAPON: A disabled weapon is any weapon which cannot be safely aimed or fired or has suffered the loss of a sight or damage to the sight rendering it impossible to properly aim at a target or cannot be fired because of mechanical failure. Once a weapon is declared disabled by the chief range officer, it shall not be used again until the defect has been corrected. The chief range officer must then declare the weapon safe for reuse.

15. CHANGING WEAPONS: No competitor will change his weapon during the firing of any match, unless it has become disabled and has been so declared by the chief range officer. All shots fired up to the time the claim is made will stand as part of the official score.

16. WEAPONS INSPECTION: Weapons will be inspected prior to firing of the match. Weapons failing to meet specifications in T.O. 11W3-5-5-1 will be disqualified.

17. EVASION OF RULES: No competitor will evade nor attempt to evade nor be an accessory to the evasion of any of the conditions of a match as prescribed in the program or in these rules. The executive officer, upon proper presentation of evidence, may disqualify any competitor and order his expulsion from the range for violation of any of these rules or for any conduct considered discreditable.

18. EXECUTIVE OFFICER: The executive officer is directly responsible for the efficient conduct of the entire tournament. He may change the match and firing conditions as shown by the program, provided a bulletin is posted for the information of all competitors and provided that such changes are not contrary to current rules. He is directly responsible for the efficient operation of the ranges and for the safety and proper discipline of all tournament personnel, competitors, and spectators. Instructions from the executive officer for the operation of the tournament will be followed by everyone on the range.

19. CHIEF RANGE OFFICER: The chief range officer will have full charge of the range and will conduct the matches on the schedule approved by the executive officer. He is responsible for range safety and for enforcing all rules. He may not be a competitor.

20. **RANGE OFFICER:** The range officer is an assistant to the chief **range officer.** They are responsible for the safety and discipline of range personnel, competitors, and spectators in the **section of the range** to which they have been assigned. They will **supervise the scoring** and are responsible for insuring that the **competitor's equipment** and position are as authorized for the **match being fired.** They must be familiar with the rules and **comply to the best of** their ability with all instructions issued **by the executive officer** or chief range officer. They must be **constantly alert, impartial** in their handling of competitors, and **courteous but firm.**

21. **STATISTICAL OFFICER:** the statistical officer is in charge **of all statistical work** in connection with the match, except the **actual recording of scores.**

22. **COMPETITOR DUTY:** It is the competitor's responsibility to **be familiar with the** program and rules. After due warning of any **infraction of existing** rules, that competitor shall understand **that a repetition** thereof shall be the subject of **disqualification for that** match or tournament.

23. **FIRING LINE** COMMANDS: During a match, the chief range **officer will issue** the following commands:

    a. RELAY NO. 1, TO THE FIRING LINE FOR THE ELEMENTARY LEG **MATCH.**

    b. THE PREPARATION PERIOD STARTS NOW -- (Three minutes) **Weapon will not be** loaded during the preparation time.

    c. THE PREPARATION PERIOD HAS ENDED.

    d. WITH 1 MAGAZINE LOAD -- (State time period and stage of **match).**

    e. IS THE LINE READY -- (If the line is not ready the Range **Officer so states.** Once the difficulty has been corrected, the **Range Officer calls,** RESUME YOUR POSITION.)

    f. THE LINE IS READY.

    g. READY ON THE RIGHT.

    h. READY ON THE LEFT.

    i. READY ON THE FIRING LINE - Wait approximately three **seconds before** giving the next command.

    j. FIRE - Or blow a whistle or use a buzzer.

k.   CEASE FIRING is given by the range officer at the end of the time limit or at any other time he wishes firing to cease. Firing must cease immediately.   Shots fired after this command are scored as misses.

l.   UNLOAD, MAGAZINE OUT, SLIDES BACK, WEAPON ON THE TABLE. Range officers check weapons to make sure the firing line is safe to proceed forward.

m.   SCORE TARGET AND PASTE.

24.   CHALLENGES: When a competitor feels that a shot fired by himself or by another competitor has been improperly evaluated or scored, he may challenge the scoring.   Such challenges must be made immediately upon announcement of the score.   When targets are scored on frame and scoring of a shot is challenged, call the chief range officer who will score the target.   The decision of the chief range officer will be final.

25.   PROTESTS: A competitor may formally protest any injustice which he feels has been done him except the evaluation of a target.   A protest must be initiated immediately upon the occurrence of the incident. State the complaint verbally to the chief range officer.   If not satisfied with his decision, the competitor may then file a formal protest in writing, with the executive officer stating all the facts in the case.   Such written protest must be filed within one hour of the occurrence of the protested incident.   The decision of the executive officer will be final.

26.   OFFICIAL BULLETINS: Bulletins are prepared and certified by the chief statistical officer.   The official bulletin will contain the following information:

a.   The letter approving an elementary level competition by HQ AFMPC/MPCSOA.

b.   The course of fire, conditions of the match, and name of tournament officials.

c.   A list of the competitors: Full name, SSAN (to include a privacy statement), grade,
address, and score by stage.   (Address should be military and civilian.)

d.   Date, location, and number of competitors.

For award of Excellence-in-Competition Medals and points toward Distinguished Badges, bulletins should be forwarded to HQ AFMPC/MPCSOA, Randolph AFB, TX 78150.

27.   AWARDS: Awards are issued in accordance with AFR 50-43.

APPENDIX 4

NEWSPAPER NOTICE

This appendix contains a sample newspaper notice used to announce an upcoming match.

Pistol Competition Slated for April 7

Maxwell will host the Elementary Level Excellence-in-Competition pistol match at the small arms range April 7. All active duty, reserve and guard members may participate. Equipment for competition will be supplied by the Air Force, officials said, and private equipment is not allowed.

The Air Force Bronze Pistol Elementary Level Excellence-in-Competition Badge, which may be worn with the Air Force uniform, will be the prize. The top 10 competitors with scores over 265 will receive the badge. Participants must wear a regulation Air Force uniform during competition (fatigues are recommended), officials said.

According to the competition project officer, Maj. Vic Martin, "the competition is a military formation and must be treated as such. However, participation in this match does not qualify members for the Air Force Marksmanship Ribbon," he said.

Registration is open March 1-14 and March 21-April 1. Phone in registrations to SSgt. Jim-Bob McCarty at 293-6764 or 293-6940. The first 100 people will be selected for the match, Major Martin said.

APPENDIX 5

PISTOL MATCH SCORING PROGRAM

This program is written in advanced BASIC programming language for use on the IBM personal computer. The scoring is set up for use on a pistol match (slow, timed, and rapid fire only) but may be modified for use on a rifle match. Using a double sided, double density disk, you should be able to account for 500 competitors easily. The program is designed to add the scores, assign them to the respective competitor, rank the competitors by score for display on the CRT during the match, and rank and print a final competitor listing including SSAN, addresses, etc.. The information is kept on disk storage so the computer may be turned off without loosing anything. Additionally, there is a full error correcting capability built into the program should information be entered erroneously.

The following pages contain a copy of the main menu as it would appear when running the program as well as a copy of the program itself. When inputing "names," the computer will ask for the competitor's full name, rank, SSAN, military address, and civilian address. For "scores" you need only input name or competitor number and respective scores. If you select "errors," you may correct any of the above information for a particular competitor. A good idea is to have the computor listing available the day of the match so that competitors may check the information as they sign in for the competition. Selection of "ranking," will display the top 24 competitors of the match on the CRT while selection of "qual" will provide a printout of everyone shooting above 265 thus far - rank ordered, of course. Lastly, selection of "final," provides a rank ordered listing of all the competitors from the printer and contains each competitor's name, rank, SSAN, military address, civilian address, and scores.

Enter the Type of INPUT/OUTPUT Desired

INPUT: 'names' or 'scores'
INPUT: 'errors' -- correct names or scores
CRT OUTPUT: 'ranking' -- top 24 in the match
PRINTER: 'qual' -- names and scores of qualifiers
PRINTER: 'final' -- final match listing by name and address
EXIT -- to exit the program

INPUT >>>>>>?

FIGURE 3:   The Main Menu as Presented in the 'MATCH' Program

36

The name of this program is MATCH

```
1    REM
10   CLS
20   COLOR 20,7,1
30   PRINT "INSTRUCTIONS: ";: COLOR 2,0,1
40   PRINT " When you are finished inputting names then enter 'DONE'.  You will
have to     enter extraneous information for the remaining inputs, but it will
not be saved"
50   PRINT
60   INPUT "Enter the Number of Competitors.";COMP
70   PRINT
80   DIM NAM#(COMP),SCORE(COMP,4),RANK#(COMP),SSAN#(COMP),MILAD1#(COMP),MILAD2#(C
OMP),HOMEAD1#(COMP),HOMEAD2#(COMP)
90   CLS: PRINT "Enter the Type of INPUT/OUTPUT Desired"
100  COLOR 4
110  PRINT
120  PRINT "INPUT:";: COLOR 2: PRINT "        'names'  or 'scores'": COLOR 4
130  PRINT "INPUT:";: COLOR 2: PRINT "        'errors' -- correct names or scores":
COLOR 4
140  PRINT "CRT OUTPUT:";: COLOR 2: PRINT" 'ranking'  -- top 24 in the match":COL
OR 4
150  PRINT "PRINTER:";: COLOR 2: PRINT "       'qual'  -- names and scores of qualif
iers": COLOR 4
160  PRINT "PRINTER:";: COLOR 2: PRINT "       'final' -- final match listing by na
me and address": COLOR 20
170  PRINT "EXIT";: COLOR 2: PRINT "   -- to exit the program": COLOR 14
180  PRINT
190  INPUT "INPUT >>>>>";JOB#: CLS: COLOR 2,0,9
200  IF JOB#="names" OR JOB#="NAMES" THEN 260
210  IF JOB#="scores" OR JOB#="SCORES" THEN 550
220  IF JOB#="ranking" OR JOB#="RANKING" THEN 700
230  IF JOB#="qual" OR JOB#="QUAL" THEN 890
240  IF JOB#="final" OR JOB#="FINAL" THEN 1080
250  IF JOB#="errors" OR JOB#="ERRORS" THEN 1340 ELSE END
260  REM            We input and store names and addresses here.
270  INPUT "Have You Ever Stored Names on this disk Previously? Y/N";A#
280  IF A#="Y" OR A#="y" THEN 410
290  FOR I=1 TO COMP
300  CLS
```

```
310 LINE INPUT "Enter Competitor's Last Name, First Name & MI. "; NAM$(I): CLS
320 IF NAM$(I)="DONE" OR NAM$(I)="done" THEN GOSUB 1800: GOTO 90
330 LINE INPUT "Enter Competitor's Rank and Branch. ";RANK$(I): CLS
340 LINE INPUT "Enter SSAN. ";SSAN$(I): CLS
350 LINE INPUT "Enter FIRST Line of Military Address. ";MILAD1$(I): CLS
360 LINE INPUT "Enter SECOND Line of Military Address. ";MILAD2$(I): CLS
370 LINE INPUT "Enter FIRST Line of Home Address. ";HOMEAD1$(I): CLS
380 LINE INPUT "Enter SECOND Line of Home Address. ";HOMEAD2$(I): CLS
390 NEXT I
400 GOTO 90
410 INPUT "Do You Want to ADD Names to Your List or Start OVER? ADD/OVER ";B$
420 IF B$="OVER" OR B$="over" THEN 290
430 GOSUB 1860
440 FOR J=COUNT TO COMP
450 LINE INPUT "Enter Competitor's Last Name, First Name & MI. ";NAM$(J): CLS
460 IF NAM$(J)="DONE" OR NAM$(J)="done" THEN GOSUB 1800: GOTO 90
470 LINE INPUT "Enter Competitor's Rank and Branch. ";RANK$(J): CLS
480 LINE INPUT "Enter SSAN. ";SSAN$(J): CLS
490 LINE INPUT "Enter FIRST Line of Military Address. ";MILAD1$(J): CLS
500 LINE INPUT "Enter SECOND Line of Military Address. ";MILAD2$(J): CLS
510 LINE INPUT "Enter FIRST Line of Home Address. ";HOMEAD1$(J): CLS
520 LINE INPUT "Enter SECOND Line of Home Address. ";HOMEAD2$(J): CLS
530 NEXT J
540 GOTO 90
550 REM                                              We input the scores here.
560 GOSUB 1860
570 LINE INPUT "Enter Competitor's Last Name, First Name & MI. ";N$: CLS
580 IF N$="DONE" OR N$="done" THEN 680
590 INPUT "Enter SLOW, TIMED and RAPID scores. ";SLOW,TIMED,RAPID
600 TOTAL=SLOW+TIMED+RAPID
610 IF TOTAL=0 THEN TOTAL=.1
620 FOR J=1 TO COUNT
630 IF N$<>NAM$(J) THEN 660
640 SCORE(J,1)=SLOW: SCORE(J,2)=TIMED: SCORE(J,3)=RAPID: SCORE(J,4)=TOTAL: CLS
650 GOTO 570
660 NEXT J
670 GOTO 570
680 GOSUB 1800
```

38

```
690 GOTO 90
700 REM                We rank the top 24 for placement on the CRT.
710 CLS
720 GOSUB 1860
730 N=0
740 COLOR 4
750 FOR I=300 TO 270 STEP -1
760 IF I<290 AND I>279 THEN COLOR 14
770 IF I<280 THEN COLOR 2
780 FOR J=1 TO COMP
790 IF SCORE(J,4)=I THEN 800 ELSE 810
800 PRINT NAM$(J);: LOCATE,25: PRINT "SCORE " SCORE(J,4): N=N+1
810 IF N=24 THEN 850
820 IF NAM$(J)="DONE" OR NAM$(J)="done" THEN 840
830 NEXT J
840 NEXT I
850 COLOR 6
860 INPUT "Enter MORE when ready to procede; otherwise, EXIT. ";P$
870 COLOR 2
880 IF P$="MORE" OR P$="more" THEN 90 ELSE END
890 REM                We print ranking onto the printer here.
900 LPRINT CHR$(14);" COMPETITORS SCORING ABOVE MINIMUM (270)"
910 LPRINT CHR$(27);"F"
920 LPRINT " S   T   R  TOTAL  Last Name, First Name MI."
930 CLS
940 GOSUB 1860
950 LPRINT
960 FOR I=300 TO 270 STEP -1
970 FOR J=1 TO COMP
980 IF SCORE(J,4)=I THEN 990 ELSE 1010
990 LPRINT USING "####"; SCORE(J,1);SCORE(J,2);SCORE(J,3);SCORE(J,4);
1000 LPRINT "-----";NAM$(J)
1010 IF NAM$(J)="DONE" OR NAM$(J)="done" THEN 1030
1020 NEXT J
1030 NEXT I
1040 COLOR 6
1050 INPUT "Enter MORE when ready to procede; otherwise, EXIT. ";P$
1060 COLOR 2
```

```
1070 IF F$="MORE" OR F$="more" THEN 90 ELSE END
1080 REM                    We make a complete name/address/score listing here.
1090 CLS
1100 GOSUB 1860
1110 LPRINT CHR$(14);:"    FINAL COMPETITOR LISTING BY SCORE": LPRINT
1120 LPRINT CHR$(27);"F"
1130 LPRINT "    NAME            ADDRESS            SLOW/TIMED
/RAPID TOTAL": LPRINT
1140 FOR J=300 TO 0 STEP -1
1150 FOR I=1 TO COMP
1160 IF NAM$(I)="DONE" OR NAM$(I)="done" THEN 1280
1170 IF SCORE(I,4)<>J THEN 1270
1180 LPRINT USING "\                        \";NAM$(I);
1190 LPRINT USING "\                        \";HOMEAD1$(I);
1200 LPRINT USING "######";SCORE(I,1),SCORE(I,2),SCORE(I,3),SCORE(I,4)
1210 LPRINT USING "\           \";RANK$(I);
1220 LPRINT USING "\           \";HOMEAD2$(I);
1230 LPRINT "    Competitor # ";I
1240 LPRINT USING "\           \";SSAN$(I)
1250 LPRINT USING "\           \";MILAD1$(I)
1260 LPRINT USING "\           \";MILAD2$(I): LPRINT
1270 NEXT I
1280 NEXT J
1290 CLS
1300 COLOR 6
1310 INPUT "Enter MORE when ready to procede; otherwise, EXIT.    ";F$
1320 COLOR 2
1330 IF F$="MORE" OR F$="more" THEN 90 ELSE END
1340 REM                    We correct any errors in names or scores here
1350 CLS: GOSUB 1860
1360 PRINT "In order to make corrections you must enter the name or competitor n
umber    EXACTLY as it appears on the master listing (Spaces included!)."
1370 PRINT: LINE INPUT "Enter the competitor NAME if you have it. ";N$
1380 IF N$="DONE" OR PICK$="done" THEN 1780
1390 INPUT "Enter the competitor NUMBER if you have it. ";NUMBER
1400 LINE INPUT "Correct what? NAME, RANK, SSAN, MILITARY ADDRESS, HOME ADDRESS,
SCORE, ALL or    DONE? ";PICK$
1410 IF NUMBER<>0 THEN 1460
```

40

```
1420 FOR I=1 TO COMP
1430 IF N$=N/M$(I) THEN NUMBER=I
1440 IF N$=NAM$(I) THEN 1460
1450 NEXT I
1460 IF PICK$="NAME" OR PICK$="name" THEN 1560
1470 IF PICK$="RANK" OR PICK$="rank" THEN 1580
1480 IF PICK$="SSAN" OR PICK$="ssan" THEN 1600
1490 IF PICK$="MILITARY ADDRESS" OR PICK$="military address" THEN 1620
1500 IF PICK$="HOME ADDRESS" OR PICK$="home address" THEN 1650
1510 IF PICK$="ALL" OR PICK$="all" THEN 1680
1520 IF PICK$="DONE" OR PICK$="done" THEN 1780
1530 INPUT "Enter the correct SLOW, TIMED, AND RAPID scores.";SLOW,TIMED,RAPID
1540 TOTAL=SLOW+TIMED+RAPID: SCORE(NUMBER,1)=SLOW: SCORE(NUMBER,2)=RAPID: SCORE(
NUMBER,3)=RAPID: SCORE(NUMBER,4)=TOTAL
1550 CLS: GOTO 1360
1560 LINE INPUT "Enter the correct name.   ";NAM$(NUMBER)
1570 CLS: GOTO 1360
1580 LINE INPUT "Enter the correct rank.   ";RANK$(NUMBER)
1590 CLS: GOTO 1360
1600 LINE INPUT "Enter the correct SSAN.   ";SSAN$(NUMBER)
1610 CLS: GOTO 1360
1620 LINE INPUT "Enter the first line of the military address.   ";MILAD1$(NUMBER
1630 LINE INPUT "Enter the second line of the military address.   ";MILAD2$(NUMBER
)
1640 CLS: GOTO 1360
1650 LINE INPUT "Enter the first line of the home address.   ";HOMEAD1$(NUMBER)
1660 LINE INPUT "Enter the second line of the home address.   ";HOMEAD2$(NUMBER)
1670 CLS: GOTO 1360
1680 LINE INPUT "Enter the correct name.   ";NAM$(NUMBER)
1690 LINE INPUT "Enter the correct rank.   ";RANK$(NUMBER)
1700 LINE INPUT "Enter the correct SSAN.   ";SSAN$(NUMBER)
1710 LINE INPUT "Enter the first line of the military address.   ";MILAD1$(NUMBER)
1720 LINE INPUT "Enter the second line of the military address.   ";MILAD2$(NUMBER
)
1730 LINE INPUT "Enter the first line of the home address.   ";HOMEAD1$(NUMBER)
1740 LINE INPUT "Enter the second line of the home address.   ";HOMEAD2$(NUMBER)
1750 INPUT "Enter the correct SLOW, TIMED, AND RAPID scores.";SLOW,TIMED,RAPID
```

41

```
1760 TOTAL=SLOW+TIMED+RAFID: SCORE(NUMBER,1)=SLOW: SCORE(NUMBER,2)=RAFID: SCORE(
NUMBER,3)=RAFID: SCORE(NUMBER,4)=TOTAL
1770 CLS: GOTO 1360
1780 GOSUB 1800
1790 GOTO 90
1800 REM                              We read data onto the disk here.
1810 OPEN "DATA" FOR OUTPUT AS #1
1820 FOR I=1 TO COMP
1830 WRITE #1,NAM$(I),RANK#(I),SSAN$(I),MILAD1$(I),HOMEAL
2$(I),SCORE(I,1),SCORE(I,2),SCORE(I,3),SCORE(I,4): PRINT
1840 NEXT I
1850 RETURN
1860 REM                              We read data from the disk here.
1870 OPEN "DATA" FOR INPUT AS #2
1880 I=1
1890 IF EOF(2) THEN CLOSE: GOTO 1930
1900 INPUT #2,NAM$(I),RANK$(I),SSAN$(I),MILAD1$(I),HOMEAD
2$(I),SCORE(I,1),SCORE(I,2),SCORE(I,3),SCORE(I,4)
1910 IF NAM$(I)="DONE" OR NAM$(I)="done" THEN COUNT =I
1920 I=I+1: GOTO 1890
1930 RETURN
```

42

INDEX